Application No. 10/534,158 Amdt. Dated: August 7, 2008

Reply to Office Action Dated: May 16, 2005

Amendments to the Specification

Please replace the fifth paragraph on page 10, line 27 with the following amended paragraph:

Moreover, Fig. 86 shows further fan beams 41, 42, and 44, 45 which extend parallel to the fan beam 43 and are situated in planes which are parallel to one another and to the axis of rotation 14. The associated radiation source positions S-2, S-1, and S1, S2 are occupied by the radiation source S before and after having reached the radiation source position S₀, respectively. All rays in the fan beams 41 to 45 have the same projection angle.